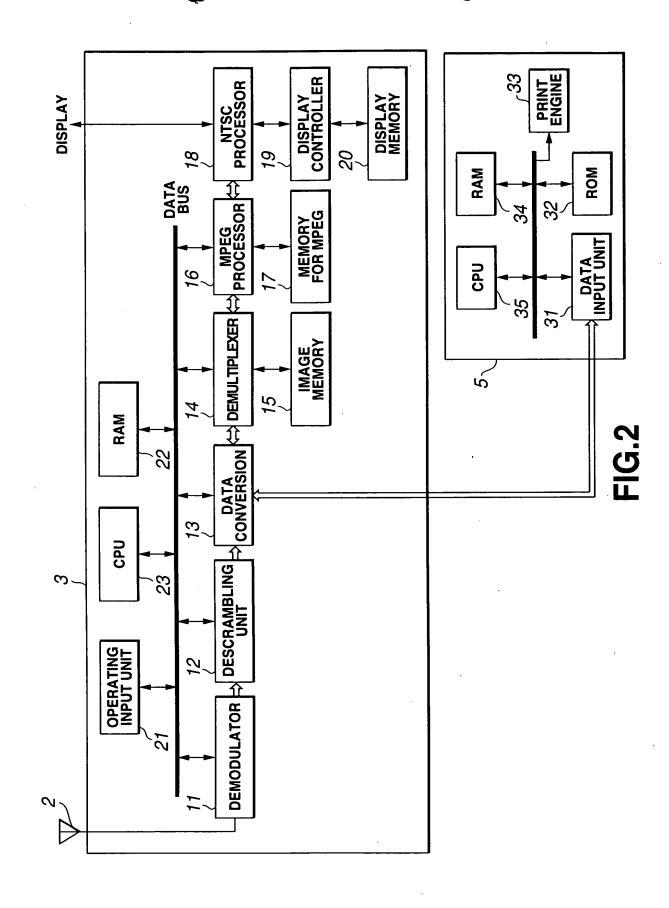


<del>--</del>|



<u>100</u>	
destination_ID tl rttcode pri	
source_ID	
destination_offset	101
data_length extended_tcode	
header _CRC	]
CTS	
Data/Command	102
dat a_CRC	

CTS ctype	subunit subunit _typeID	opecode	operand[0]
operand[1]	operand[2]	operand[3]	operand[4]
<del>1_1_1_1_1_1_1_1_1</del>	· a 6	p b	
operand[n]			

FIG.4

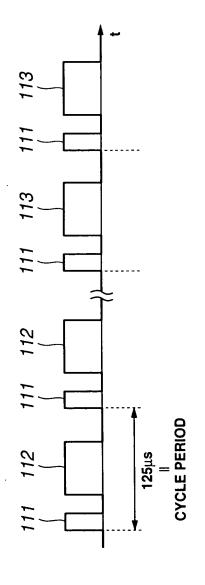


FIG. 5

	pixel_x pixel_y	pixel_y	interlaced/ progressive	pixel format	screen aspect ratio	screen pixel aspect ratio aspect ratio	based standard	image size
1080_422_16x9	1920	1080	interlaced/ progressive	YCbCr 4:2:2	16:9	1:1	ITU-R BI. 709-2	3.96MB
1080_420_16x9	1920	1080	interlaced/ progressive	YCbCr 4:2:0	16:9	1:1	ITU-R BT. 709-2	2.97MB
720_422_16×9	1280	720	progressive	YCbCr 4:2:2	16:9	1:1	ANSI/SMP TE 296 M-1997	1.76МВ
720_420_16×9	1280	720	progressive	YCbCr 4:2:0	16:9	1:1	ANSI/SMP TE 296 M-1997	1.32МВ
576_422_4x3	720	576	interlaced/ progressive	YCbCr 4:2:2	4:3	1.07:1	ITU-R BT.1203	810KB
576_420_4x3	720	576	interlaced/ progressive	YCbCr 4:2:0	4:3	1.07:1	ITU-R BT.1203	608KB
480_422_16×9	720	480	interlaced/ progressive	YCbCr 4:2:2	16:9	1.19:1	170-R BT. 709-2	675KB
480_420_16x9	720	480	interlaced/ progressive	YCbCr 4:2:0	16:9	1.19:1	1TU-R BT. 709-2	506KB
480_422_4x3	720	480	inferlaced/ progressive	YCbCr 4:2:2	4:3	0.89:1	ITU-R BT.601-4	675KB
480_420_4x3	720	480	interlaced/ progressive	YCbCr 4:2:0	4:3	0.89:1	ITU-R BT.601-4	506KB

·	msb	l			lsb
opcode		CAPTU	RE(42 <sub>1</sub>	,)	
operand[0]			unction		
operand[1]	source_s	ubunit_ty	pe	source.	_subunit_ID
operand[2]		sourc	e_plug	<u> </u>	
operand[3]			atus		
operand[4]		des	t_plug	<u>.</u> . <u>.</u>	
operand[5]					
		print.	_job_l[	)	
operand[16]					
operand[17]					
operand[18]		date	_size		
operand[19]		uu.			
operand[20]					
operand[21]		image	_size_	x	
operand[22]					
operand[23]		image	_size_	У	
operand[24]				···	
operand[25]	ir	nage_fori	mat_sp	ecifier	
operand[26]	· · · · · · · · · · · · · · · · · · ·				
operand[27]					
operand[28]		res	erved		
operand[29]		<del> </del>			
operand[30]		nex	ct_pic		
operand[31]		next	_page		
operand[32]		,,,,,,,			

FIG.7

Type			
2116 1080p-422chunky-16×9 216 720p-422chunky-16×9 2316 480l-422chunky-16×9 2416 480p-422chunky-16×9 2516 480l-422chunky-4×3 2616 480p-422chunky-4×3 2816 1080i-422liner-16×9 2916 1080p-422liner-16×9 2916 720p-422liner-16×9 2816 480l-422liner-16×9 2816 480l-422liner-16×9 2016 480p-422liner-16×9 2016 480p-422liner-16×9 2016 480p-422liner-16×9 3016 1080i-420planer-16×9 3116 1080p-420planer-16×9 3116 1080p-420planer-16×9 3316 480l-420planer-16×9 3316 480l-420planer-16×9 3316 480p-420planer-16×9 3316 480p-420planer-16×9 3316 480p-420planer-16×9 3516 480p-420planer-16×9 3516 480p-420planer-16×9 3516 480p-420planer-16×9 3516 480p-420planer-16×9 3516 480p-420planer-16×9 3516 480p-420liner-16×9 3616 480p-420liner-4×3			Meaning
2216 720p-422chunky-16x9 2316 480I-422chunky-16x9 2416 480p-422chunky-16x9 2516 480I-422chunky-4x3 2616 480p-422chunky-4x3 2816 1080i-422liner-16x9 2916 1080p-422liner-16x9 2A16 720p-422liner-16x9 2B16 480I-422liner-16x9 2C16 480p-422liner-16x9 2D16 480I-422liner-4x3 2E16 480p-422liner-4x3 3016 1080i-420planer-16x9 3116 1080p-420planer-16x9 3216 720p-420planer-16x9 3316 480I-420planer-16x9 3316 480I-420planer-16x9 3416 480p-420planer-16x9 3516 480p-420planer-16x9 3516 480p-420planer-16x9 3516 480I-420planer-16x9 3516 480I-420planer-16x9 3516 480I-420planer-4x3 3616 480p-420liner-16x9 3916 1080p-420liner-16x9 3916 1080p-420liner-16x9 3616 480I-420liner-16x9 3616 480I-420liner-16x9 3616 480I-420liner-16x9 3616 480P-420liner-16x9 3616 480P-420liner-4x3	2016	$1080i_422chunky_16\times9$	
2316 480I_422chunky_16x9  2416 480p_422chunky_16x9  2516 480I_422chunky_4x3  2616 480p_422chunky_4x3  2816 1080i_422liner_16x9  2916 1080p_422liner_16x9  2A16 720p_422liner_16x9  2B16 480I_422liner_16x9  2C16 480p_422liner_16x9  2D16 480I_422liner_4x3  2E16 480p_422liner_4x3  3016 1080i_422liner_4x3  3016 1080i_420planer_16x9  3116 1080p_420planer_16x9  3316 480I_420planer_16x9  3316 480I_420planer_16x9  3416 480p_420planer_16x9  3516 480I_420planer_4x3  3616 480p_420planer_4x3  3616 480p_420planer_4x3  3816 1080i_420liner_16x9  3916 1080p_420liner_16x9  3916 480I_420liner_16x9  3916 480I_420liner_16x9  3616 480p_420liner_16x9  3616 480p_420liner_4x3  3616 Text(ASCII) MD-clip modified IS08859-1	2116	1080p_422chunky_16×9	
2416 480p-422chunky-16×9 2516 480p-422chunky-4×3 2616 480p-422chunky-4×3 2816 1080i-422liner-16×9 2916 1080p-422liner-16×9 2A16 720p-422liner-16×9 2B16 480l-422liner-16×9 2C16 480p-422liner-16×9 2D16 480l-422liner-4×3 2E16 480p-422liner-4×3 3016 1080i-420planer-16×9 3116 1080p-420planer-16×9 3216 720p-420planer-16×9 3316 480l-420planer-16×9 3316 480l-420planer-16×9 3416 480p-420planer-16×9 3516 480l-420planer-16×9 3516 480l-420planer-16×9 3516 480l-420planer-16×9 3516 480p-420liner-4×3 3616 480p-420liner-16×9 3916 1080p-420liner-16×9 3916 1080p-420liner-16×9 3916 1080p-420liner-16×9 3916 480l-420liner-16×9 3616 480p-420liner-16×9 3616 480p-420liner-16×9 3616 480p-420liner-16×9 3616 480p-420liner-4×3	2216	720p_422chunky_16×9	
2516 4801-422chunky-4×3 2616 480p-422chunky-4×3 2816 1080i-422liner-16×9 2916 1080p-422liner-16×9 2A16 720p-422liner-16×9 2B16 4801-422liner-16×9 2C16 480p-422liner-16×9 2D16 4801-422liner-4×3 2E16 480p-422liner-4×3 3016 1080i-420planer-16×9 3116 1080p-420planer-16×9 3216 720p-420planer-16×9 3316 4801-420planer-16×9 3316 480p-420planer-16×9 3516 480p-420planer-16×9 3516 480p-420planer-16×9 3516 480p-420planer-16×9 3516 480p-420planer-16×9 3516 480p-420planer-16×9 3516 480p-420planer-4×3 3616 480p-420liner-16×9 3916 1080p-420liner-16×9 3916 1080p-420liner-16×9 3516 480l-420liner-16×9 3616 480p-420liner-16×9 3616 480p-420liner-16×9 3616 480p-420liner-16×9 3616 480p-420liner-16×9 3616 480p-420liner-4×3 3616 480p-420liner-4×3 3616 480p-420liner-4×3 3616 480p-420liner-4×3 3616 480p-420liner-4×3 3616 480p-420liner-4×3	2316	4801_422chunky_16×9	
2616 480p-422chunky-4×3  2816 1080i-422liner-16×9  2916 1080p-422liner-16×9  2816 480i-422liner-16×9  2816 480p-422liner-16×9  2C16 480p-422liner-16×9  2D16 480i-422liner-4×3  2E16 480p-422liner-4×3  3016 1080i-420planer-16×9  3116 1080p-420planer-16×9  3216 720p-420planer-16×9  3316 480i-420planer-16×9  3516 480p-420planer-16×9  3516 480p-420planer-4×3  3616 480p-420planer-4×3  3816 1080i-420planer-16×9  3916 1080p-420liner-16×9  3916 1080p-420liner-16×9  3916 480p-420liner-16×9  3016 480p-420liner-16×9  3816 480p-420liner-16×9  3816 480p-420liner-16×9  3C16 480p-420liner-16×9  3C16 480p-420liner-16×9  3C16 480p-420liner-16×9  3C16 480p-420liner-4×3  3C16 480p-420liner-4×3  3C16 480p-420liner-4×3  3C16 480p-420liner-4×3  3C16 Text(ASCII) MD-clip MO-clip ASCII	2416	480p_422chunky_16×9	
2816 1080i-422liner_16x9  2916 1080p-422liner_16x9  2B16 480l-422liner_16x9  2C16 480p-422liner_16x9  2D16 480l-422liner_4x3  2E16 480p-422liner_4x3  3016 1080i-420planer_16x9  3116 1080p-420planer_16x9  3216 720p-420planer_16x9  3316 480l-420planer_16x9  3416 480p-420planer_16x9  3516 480l-420planer_4x3  3616 480p-420planer_4x3  3616 480p-420planer_4x3  3816 1080i-420planer_4x3  3816 1080i-420liner_16x9  3916 1080p-420liner_16x9  3916 480l-420liner_16x9  3016 480p-420liner_16x9  3016 480p-420liner_16x9  3C16 480p-420liner_16x9  3C16 480p-420liner_16x9  3C16 480p-420liner_4x3  3C16 Text(ASCII) MD-clipASCII  3C16 Text(ISO8859-1) MD-clipmodifiedISO8859-1	2516	4801_422chunky_4×3	
2916 1080p-422liner_16×9  2A16 720p-422liner_16×9  2B16 480l-422liner_16×9  2D16 480p-422liner_4×3  2E16 480p-422liner_4×3  3E16 480p-422liner_4×3  3016 1080i-420planer_16×9  3116 1080p-420planer_16×9  3216 720p-420planer_16×9  3316 480l-420planer_16×9  3416 480p-420planer_4×3  3616 480p-420planer_4×3  3616 480p-420planer_4×3  3816 1080i-420planer_4×3  3816 1080i-420liner_16×9  3916 1080p-420liner_16×9  3A16 720p-420liner_16×9  3A16 720p-420liner_16×9  3A16 480l-420liner_16×9  3B16 480l-420liner_16×9  3B16 480p-420liner_16×9  3C16 480p-420liner_4×3  3E16 480p-420liner_4×3  3E16 480p-420liner_4×3  6O16 Text(ASCII) MD-clip Modified IS08859-1	2616	480p_422chunky_4×3	
2916 1080p-422liner_16×9  2A16 720p-422liner_16×9  2B16 480l-422liner_16×9  2D16 480p-422liner_4×3  2E16 480p-422liner_4×3  3E16 480p-422liner_4×3  3016 1080i-420planer_16×9  3116 1080p-420planer_16×9  3216 720p-420planer_16×9  3316 480l-420planer_16×9  3416 480p-420planer_4×3  3616 480p-420planer_4×3  3616 480p-420planer_4×3  3816 1080i-420planer_4×3  3816 1080i-420liner_16×9  3916 1080p-420liner_16×9  3A16 720p-420liner_16×9  3A16 720p-420liner_16×9  3A16 480l-420liner_16×9  3B16 480l-420liner_16×9  3B16 480p-420liner_16×9  3C16 480p-420liner_4×3  3E16 480p-420liner_4×3  3E16 480p-420liner_4×3  6O16 Text(ASCII) MD-clip Modified IS08859-1	2816	1080i_422liner_16×9	
2B <sub>16</sub> 48D <sub>1-422liner-16×9</sub> 2C <sub>16</sub> 48D <sub>p-422liner-16×9</sub> 2D <sub>16</sub> 48D <sub>1-422liner-4×3</sub> 2E <sub>16</sub> 48D <sub>p-422liner-4×3</sub> 3O <sub>16</sub> 108D <sub>1-420planer-16×9</sub> 31 <sub>16</sub> 108D <sub>p-420planer-16×9</sub> 32 <sub>16</sub> 72D <sub>p-420planer-16×9</sub> 33 <sub>16</sub> 48D <sub>1-420planer-16×9</sub> 34 <sub>16</sub> 48D <sub>p-420planer-4×3</sub> 36 <sub>16</sub> 48D <sub>p-420planer-4×3</sub> 36 <sub>16</sub> 48D <sub>p-420planer-4×3</sub> 38 <sub>16</sub> 108O <sub>p-420planer-16×9</sub> 39 <sub>16</sub> 108O <sub>p-420liner-16×9</sub> 3A <sub>16</sub> 72D <sub>p-420liner-16×9</sub> 3B <sub>16</sub> 48D <sub>1-420liner-16×9</sub> 3C <sub>16</sub> 48D <sub>p-420liner-16×9</sub> 3C <sub>16</sub> 48D <sub>p-420liner-16×9</sub> 3C <sub>16</sub> 48D <sub>p-420liner-16×9</sub> 3D <sub>16</sub> 48D <sub>p-420liner-16×9</sub> 3D <sub>16</sub> 48D <sub>p-420liner-4×3</sub> 3E <sub>16</sub> 48D <sub>p-420liner-4×3</sub> 6O <sub>16</sub> Text(ASCII) MD-clip ASCII			
2C16	2A <sub>16</sub>	720p_4221iner_16×9	
2D <sub>16</sub>	2B <sub>16</sub>	4801_4221iner_16×9	
2E <sub>16</sub>	2C <sub>16</sub>	480p_422liner_16×9	·
30 <sub>16</sub> 1080 i_420 planer_16×9  31 <sub>16</sub> 720 p_420 planer_16×9  33 <sub>16</sub> 480 l_420 planer_16×9  34 <sub>16</sub> 480 p_420 planer_16×9  35 <sub>16</sub> 480 p_420 planer_16×9  35 <sub>16</sub> 480 p_420 planer_4×3  36 <sub>16</sub> 480 p_420 planer_4×3  38 <sub>16</sub> 1080 i_420 liner_16×9  39 <sub>16</sub> 1080 p_420 liner_16×9  3A <sub>16</sub> 720 p_420 liner_16×9  3B <sub>16</sub> 480 l_420 liner_16×9  3C <sub>16</sub> 480 p_420 liner_16×9  3C <sub>16</sub> 480 p_420 liner_16×9  3D <sub>16</sub> 480 p_420 liner_4×3  3E <sub>16</sub> 480 p_420 liner_4×3  3E <sub>16</sub> 480 p_420 liner_4×3  6O <sub>16</sub> Text(ASCII) MD-clip ASCII  61 <sub>16</sub> Text(ISO8859-1) MD-clip modified ISO8859-1	2D <sub>16</sub>	4801_4221iner_4×3	
3116 1080p-420planer-16×9  3216 720p-420planer-16×9  3316 480l-420planer-16×9  3416 480p-420planer-16×9  3516 480l-420planer-4×3  3616 480p-420planer-4×3  3816 1080i-420liner-16×9  3916 1080p-420liner-16×9  3A16 720p-420liner-16×9  3B16 480l-420liner-16×9  3C16 480p-420liner-16×9  3D16 480p-420liner-16×9  3D16 480p-420liner-4×3  3E16 480p-420liner-4×3  6O16 Text(ASCII) MD-clip ASCII  6116 Text(ISO8859-1) MD-clip modified ISO8859-1	2E <sub>16</sub>	480p_422liner_4×3	
3216 720p-420planer-16x9 3316 480l-420planer-16x9 3416 480p-420planer-16x9 3516 480l-420planer-4x3 3616 480p-420planer-4x3 3816 1080i-420liner-16x9 3916 1080p-420liner-16x9 3A16 720p-420liner-16x9 3B16 480l-420liner-16x9 3C16 480p-420liner-16x9 3D16 480p-420liner-4x3 3E16 480p-420liner-4x3 3E16 480p-420liner-4x3 6O16 Text(ASCII) MD-clip ASCII 6116 Text(ISO8859-1) MD-clip modified ISO8859-1	3016	1080i_420planer_16×9	
3316 480   420 p   aner   16 x 9   3416 480 p   420 p   aner   16 x 9   3516 480   420 p   aner   4 x 3   3616 480 p   420 p   aner   4 x 3   3816   1080     420     iner   16 x 9   3916   1080 p   420     iner   16 x 9   3816   480     420     iner   16 x 9   3816   480     420     iner   16 x 9   3016   480     420     iner   16 x 9   3016   480     420     iner   4 x 3   3016   480     420     iner   4 x 3   3016   480     420	3116	1080p_420planer_16×9	
34 <sub>16</sub> 480p_420planer_16×9 35 <sub>16</sub> 480l_420planer_4×3 36 <sub>16</sub> 480p_420planer_4×3 38 <sub>16</sub> 1080i_420liner_16×9 39 <sub>16</sub> 1080p_420liner_16×9 3A <sub>16</sub> 720p_420liner_16×9 3B <sub>16</sub> 480l_420liner_16×9 3C <sub>16</sub> 480p_420liner_16×9 3D <sub>16</sub> 480p_420liner_4×3 3E <sub>16</sub> 480p_420liner_4×3 5E <sub>16</sub> 480p_420liner_4×3 Text(ASCII) MD-clip Modified IS08859-1	3216	720 p_420 planer_16×9	
35 <sub>16</sub> 480   420   1   1   1   1   1   1   1   1   1	3316	4801_420planer_16×9	
3616 480p_420planer_4x3  3816 1080i_420liner_16x9  3916 1080p_420liner_16x9  3A16 720p_420liner_16x9  3B16 480l_420liner_16x9  3C16 480p_420liner_16x9  3D16 480l_420liner_4x3  3E16 480p_420liner_4x3  3E16 480p_420liner_4x3  6O16 Text(ASCII) MD-clip Modified IS08859-1			
3816 1080i_420liner_16x9 3916 1080p_420liner_16x9 3A16 720p_420liner_16x9 3B16 480l_420liner_16x9 3C16 480p_420liner_16x9 3D16 480l_420liner_4x3 3E16 480p_420liner_4x3 6O16 Text(ASCII) MD-clip ASCII 6116 Text(ISO8859-1) MD-clip modified ISO8859-1			
39 <sub>16</sub> 1080p_420liner_16×9  3A <sub>16</sub> 720p_420liner_16×9  3B <sub>16</sub> 480l_420liner_16×9  3C <sub>16</sub> 480p_420liner_16×9  3D <sub>16</sub> 480l_420liner_4×3  3E <sub>16</sub> 480p_420liner_4×3  6O <sub>16</sub> Text(ASCII) MD-clip MSCII  61 <sub>16</sub> Text(ISO8859-1) MD-clip modified ISO8859-1	3616	480p_420planer_4×3	
3A <sub>16</sub> 720p_420liner_16×9 3B <sub>16</sub> 480l_420liner_16×9 3C <sub>16</sub> 480p_420liner_16×9 3D <sub>16</sub> 480l_420liner_4×3 3E <sub>16</sub> 480p_420liner_4×3 6O <sub>16</sub> Text(ASCII) MD-clip ASCII 61 <sub>16</sub> Text(ISO8859-1) MD-clip modified ISO8859-1			
3B <sub>16</sub> 480 I_420 I iner_16×9  3C <sub>16</sub> 480 p_420 I iner_16×9  3D <sub>16</sub> 480 I_420 I iner_4×3  3E <sub>16</sub> 480 p_420 I iner_4×3  6O <sub>16</sub> Text(ASCII) MD-clip ASCII  61 <sub>16</sub> Text(ISO8859-1) MD-clip modified ISO8859-1			
3C <sub>16</sub> 480p_420liner_16×9 3D <sub>16</sub> 480l_420liner_4×3 3E <sub>16</sub> 480p_420liner_4×3 6O <sub>16</sub> Text(ASCII) MD-clip ASCII 61 <sub>16</sub> Text(ISO8859-1) MD-clip modified ISO8859-1	3A <sub>16</sub>	720p_420liner_16×9	
3D <sub>16</sub> 4801_420liner_4×3 3E <sub>16</sub> 480p_420liner_4×3 6O <sub>16</sub> Text(ASCII) MD-clip ASCII 61 <sub>16</sub> Text(ISO8859-1) MD-clip modified ISO8859-1	3 B <sub>1.6</sub>	4801_4201iner_16×9	
3E <sub>16</sub> 480p_420liner_4×3 6O <sub>16</sub> Text(ASCII) MD-clipASCII 61 <sub>16</sub> Text(ISO8859-1) MD-clipmodifiedISO8859-1	3C <sub>16</sub>	480p_420liner_16×9	·
3E <sub>16</sub> 480p_420liner_4×3 6O <sub>16</sub> Text(ASCII) MD-clipASCII 61 <sub>16</sub> Text(ISO8859-1) MD-clipmodifiedISO8859-1	3D <sub>16</sub>	4801_4201iner_4×3	
60 <sub>16</sub> Text(ASCII) MD-clip ASCII 61 <sub>16</sub> Text(ISO8859-1) MD-clip modified ISO8859-1	3E <sub>16</sub>	480p_420liner_4×3	
$61_{16}$ Text(ISO8859-1) MD-clip modified ISO8859-1		Text(ASCII)	MD-clip ASCII
			MD-clip modified ISO8859-1
		Text(Music Shifted JIS)	MD-clip Music Shifted JIS

Meaning	sRGB raw			YCC raw															DCF Object						Special meaning		
Туре		sRGB raw	sRGB raw,quadlet		YCC4:2:2 raw/chunky	YCC4:2:2 raw/liner	YCC4:2:0 raw/chunky	YCC4:2:0 raw/liner	Pixel ratio 1.00X1.00/ITU-R BT.709-2/interlace	Pixel ratio 1.19X1.00/ITU—R BT.709—2/interlace	Pixel ratio 0.89X1.00/ITU-R BT.709-2/interlace	Pixel ratio 0.89X1.00/ITU-R BT.601-4/interlace	Pixel ratio 1.07X1.00/ITU-R BT.1203/interlace	Pixel ratio 1.00X1.00/ITU-R BT.709-2/progressive	Pixel ratio 1.19X1.00/ITU-R BT.709-2/progressive	Pixel ratio 0.89X1.00/ITU-R BT.709-2/progressive	Pixel ratio 0.89X1.00/ITU-R BT.601-4/progressive	Pixel ratio 1.07X1.00/ITU-R BT.1203/progressive		Exif2.1	JFIF	1155	JPEG	Vendor Dependent format		Unit Plug defined	don't care
Valuue(LSB)		00	01 <sub>rs</sub>		0X <sub>16</sub>	1 X 16	8X <sub>16</sub>	9X,6	X0,s	X1 <sub>16</sub>	X2 <sub>16</sub>	X3 <sub>16</sub>	X4 <sub>16</sub>	X8 <sub>16</sub>	916X	XA <sub>16</sub>	XB <sub>16</sub>	XCie		9100	0116	0216	OF <sub>16</sub>	00,6~FF,6		0016	0116
Valuue(MSB)	9'00			01,6															1016					80,5~8F15	FE <sub>16</sub>		

### 6° 5

Y1(L1)	Y2(L1)	C b 1 (L 1)	Cr <sub>1</sub> (L <sub>1</sub> )
Y 3(L1)	Y4(L1)	Cb3(L1)	Cr3(L1)
		•	
Y <sub>N-1</sub> (L <sub>1</sub> )	Y <sub>N</sub> (L <sub>1</sub> )	C b <sub>N-1</sub> (L <sub>1</sub> )	Cr <sub>N-1</sub> (L <sub>1'</sub> )
Y1(L2)	Y2(L2)	Cb <sub>1</sub> (L <sub>2</sub> )	Cr <sub>1</sub> (L <sub>2</sub> )
		•	
Y <sub>N-1</sub> (L <sub>M</sub> )	YN(LM)	Cb <sub>N-1</sub> (L <sub>M</sub> )	Cr <sub>N-1</sub> (L <sub>M</sub> )

Y1(L1)	Y2(L1)	Y <sub>1</sub> (L <sub>2</sub> )	Y <sub>2</sub> (L <sub>2</sub> )
C b 1 (L 1)	Cr <sub>1</sub> (L <sub>1</sub> )	Y 3(L <sub>1</sub> )	Y4(L1)
Y 3(L2)	Y4(L2)	C b 3(L <sub>1</sub> )	Cr3(L1)
		•	
YN-3 (LM-1)	Y <sub>N-2</sub> (L <sub>M-1</sub> )	YN-3 (LM)	Y <sub>N-2</sub> (L <sub>M</sub> )
C b <sub>N-3</sub> (L <sub>M-1</sub> )	Cr <sub>N-3</sub> (L <sub>M-1</sub> )	Y <sub>N-1</sub> (L <sub>M-1</sub> )	Y <sub>N</sub> (L <sub>M-1</sub> )
Y <sub>N-1</sub> (L <sub>M</sub> )	YN(LM)	C b <sub>N-1</sub> (L <sub>M-1</sub> )	CrN-1 (LM-1)

**FIG.11** 

Y1(L1)	Y2(L1)	Y 3(L1)	Y4(L1)
		•	
Y <sub>N-3</sub> (L <sub>1</sub> )	Y <sub>N-2</sub> (L <sub>1</sub> )	Y <sub>N-1</sub> (L <sub>1</sub> )	Y <sub>N</sub> (L <sub>1</sub> )
C b 1 (L 1)	Cr <sub>1</sub> (L <sub>1</sub> )	C b 3(L2)	Cr3(L1)
		•	
C b <sub>N-3</sub> (L <sub>1</sub> )	C rN-3(L1)	C b <sub>N-1</sub> (L <sub>1</sub> )	Cr <sub>N-1</sub> (L <sub>1</sub> )
Y1(L2)	Y2(L2)	Y 3(L 1)	Y4(L1)
C b <sub>N-3</sub> (L <sub>M</sub> )	CrN-3(LM)	Cb <sub>N-1</sub> (L <sub>M</sub> )	Cr <sub>N-1</sub> (L <sub>M</sub> )

Y1(L1)	Y2(L1)	Y 3(L1)	Y4(L1)
		•	
Y <sub>N-3</sub> (L <sub>1</sub> )	Y <sub>N-2</sub> (L <sub>1</sub> )	Y <sub>N-1</sub> (L <sub>1</sub> )	$Y_N(L_1)$
Y1(L2)	Y2(L2)	Y 3(L2)	Y4(L2)
		•	
YN-3(L2)	Y <sub>N-2</sub> (L <sub>2</sub> )	Y <sub>N-1</sub> (L <sub>2</sub> )	YN(L2)
C b 1 (L 1)	Cr <sub>1</sub> (L <sub>1</sub> )	C b 3(L1)	Cr3(L1)
		•	
C b <sub>N-3</sub> (L <sub>1</sub> )	C r <sub>N-3</sub> (L <sub>1</sub> )	C b <sub>N-1</sub> (L <sub>1</sub> )	Cr <sub>N-1</sub> (L <sub>1</sub> )
Y1(L3)	Y2(L3)	Y 3(L 3)	Y4(L3)
C b <sub>N-3</sub> (L <sub>M-1</sub> )	CrN-3(LM-1)	C b <sub>N-1</sub> (L <sub>M-1</sub> )	C rN-1 (LM-1)

**FIG.13** 

Address Offset	l <sup>st</sup> byte	2 <sup>n d</sup> byte	3 <sup>rd</sup> byte	4 <sup>th</sup> byte
00 00 00 00 00 1 e	Y1(L1)	Y2(L1)	Cb1(L1)	Cr1(L1)
00 00 0416	00 00 00 0416 Y3(L1) Y4(L1)	Y4(L1)	Cb3(L1) Cr3(L1)	Cr3(L1)
• • •				
00 00 02 9016	Y719(L1)	Y720(L1)	Cb719(L1)	00 00 05 9C16 Y 71 9(L1) Y 720(L1) C b 71 9(L1) C r 71 9(L1)
00 00 05 A016 Y1(L2)	Y1(L2)	Y2(L2)	Y2(L2) Cb1(L2) Cr1(L2)	Cr1(L2)
00 0A 8B FC16	Y719(L480)	Y720(L480)	Cb719(L480)	00 0A 8B FC16 Y 71 9(L 480) Y 720(L 480) C b 71 9(L 480) C r 71 9(L 480)

FIG.14

	18th : + >	o t : dp uC	2r dt	Ath
	0 y r e	alkn z	J Dyre	4 Dyre
00 00 00 00 00 e	Y1(L1)	Y2(L1)	Y1(L2)	Y2(L2)
00 00 00 0416 Cr1(L1)   Cr1(L1)   Y3(L1)	Cr1(L1)	Cr1(L1)	Y3(L1)	Y4(L1)
00 00 00 081e Y 3(L 2)		Y4(L2)	Y4(L2) Cb3(L1) Cr3(L1)	C r 3(L 1)
00 07 E8 F816 C5717(L479) C r 717(L479) Y 719(L479) Y 720(L479)	b717(L479)	Cr717(L479)	Y719(L479)	Y720(L479)
00 07 E8 FC16 Y719(L480) Y720(L480) Cb719(L479) Cr719(L479)	719(L480)	Y720(L480)	Cb719(L479)	Cr719(L479)

00 00 00 00 16	Y1(L1)		) Dyre	4 0 7 6
• • •		Y2(L1)	Y3(L1)	Y4(L1)
00 00 02 CF16 Y 71 7(L1) Y 718(L1) Y 719(L1) Y 720(L1)	7(L1)	Y718(L1)	Y719(L1)	Y720(L1)
00 00 02 0016 Cb1(L1) Cr1(L1) Cb3(L1) Cr3(L1)	1([1]	C r 1 (L 1)	C b 3(L1)	Cr3(L1)
			·	
00 00 05 9F16 C b 7 1 7(L 1) C r 7 1 7(L 1) C b 7 1 9(L 1) C r 7 1 9(L 1)	17([1)	C r 71 7(L1)	Cb719(L1)	Cr719(L1)
00 00 05 A016 Y1(L2)	(FS)	Y2(L2)	Y3(L2)	Y4(L2)
•••				
00 0A 88 FC16 Cb717(L480) Cr717(L480) Cb719(L480) Cr719(L480)	7(L480)	Cr717(L480)	Cb719(L480)	Cr719(L480)

Address				
Offset	l <sup>s t</sup> by te	2 <sup>n d</sup> byte	3 <sup>rd</sup> byte	4 <sup>th</sup> byte
00 00 00 00 00	Y1(L1)	Y2(L1)	Y3(L1)	Y4(L1)
• • •				
00 00 02 CF16	Y717(L1)	Y718(L1)	Y717(L1) Y718(L1) Y719(L1) Y720(L1)	Y720(L1)
00 00 02 0016	Y1(L2)	Y2(L2)	Y3(L2)	Y4(L2)
• • •				
00 00 05 9F <sub>16</sub>	00 00 05 9F16 Y717(L2) Y718(L2) Y719(L2) Y720(L2)	Y718(L2)	Y719(L2)	Y720(L2)
00 00 05 A016		Cr1([1)	Cb1(L1) Cr1(L1) Cb3(L1)	Cr3(L1)
00 00 08 6F <sub>16</sub>	00 00 08 6F16 C b 7 1 7 (L 1) C r 7 1 7 (L 1) C b 7 1 9 (L 1) C r 7 1 9 (L 1)	(11)/L11)	Cb719(L1)	Cr719(L1)
00 00 08 70 <sub>16</sub>	Y1(L3)	(E 7)ZX	Y3(L3)	Y4(L3)
•				
00 07 E8 FC <sub>16</sub>	00 07 E8 FC16 Cb717(L479) Cr717(L479) Cb719(L479) Cr719(L479)	Cr717(L479)	Cb719(L479)	Cr719(L479)

	msb
e p o o d o	PRINTER STATUS2(5316)
operand[0]	berved
operand[1]	4 4
operand[2]	SOLBIS
operand[3]	T ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (
operand[4]	
operand[5]	
	Current_print_lob_ID
operand[16]	
operand[17]	warning
operand[18]	peviesei
operand[19]	
operand[20]	

a con e		_		_			_	-
offset	msp							0 S -
, ,	colorant_	Cover	E	Head_	Small_	No_cartrid	4 +	+ 0 0 +
9 0	Empty	ореп		error paper	paper	9 8		:
, 10	14/				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			
9 - 0				ט ט ט ב	7 2 2			

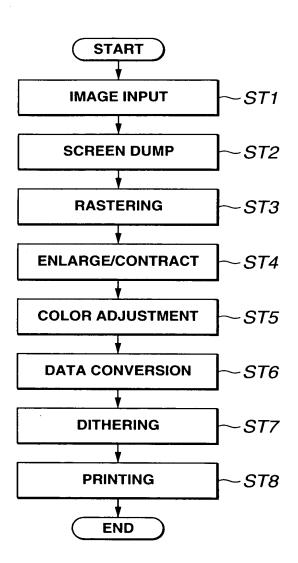
FIG.19

value	Symbol	Meaning
8016	colorant_Empty	rant_Empty COLORMATERIAL(Dye/Ink/Ribon/Toner)empty. 0=No error,1=Empty
4016	Cover_open	COVEROPENED 0=Noerror,1=Open
2016	) ummed	PAPER STUFFING 0=Noerror,1=Jummed
1016	Head_error	HEAD NOT OPERABLE 0=Noerror,1=Error
0816	Small_paper	Small-paper   SMALL PAPER SIZE O=Noerror,1=Small
0416	No_cartridge	cartridge NO CARTRIDGE 0=No error,1=No cartridge
0216	pe i a n o o o	FROM OTHER I/F 0=Not occupied, 1=Occupied
0116	testing	TESTINGON 0=Not testing, l=In testing
8016	Warmup	NOT READY

d s l	
	pevieserved
	colorant_almost _empty
qsm	media_almost _empty

value	Symbol	Meaning
8016	media_almost_empty	_almost_empty PAPER almost empty, O=No error,1=Empty
8016	colorant_almost_empty	Int_almost_empty   COLOR MATERIAL (Dye/Ink/Ribon/Toner)almostempty. 0=No error.1=Empty

. Costi



**FIG.23** 

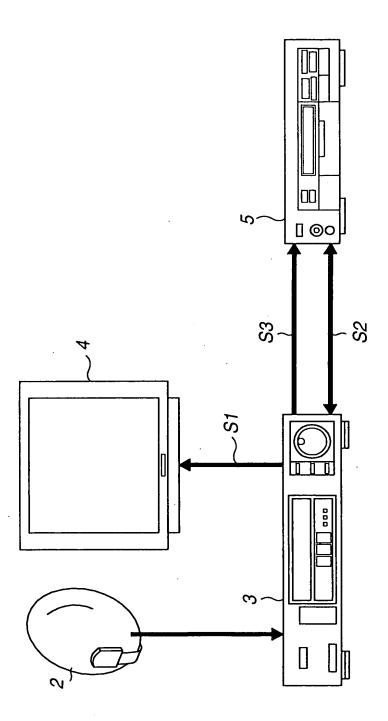
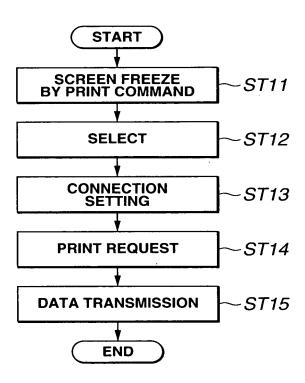
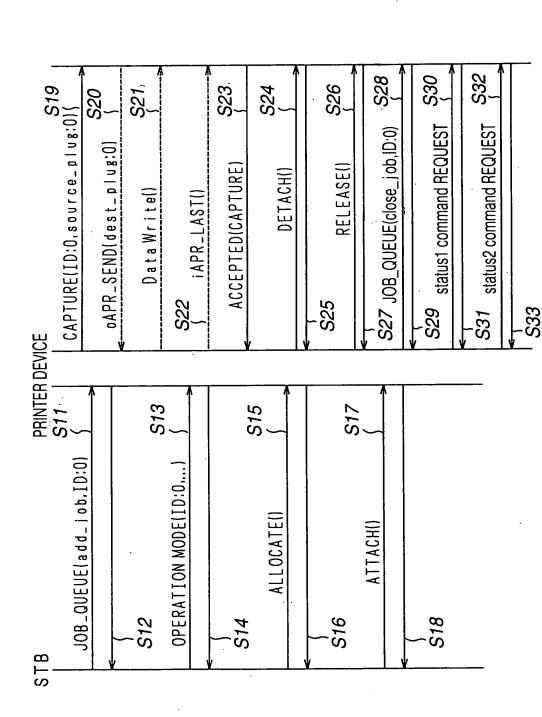


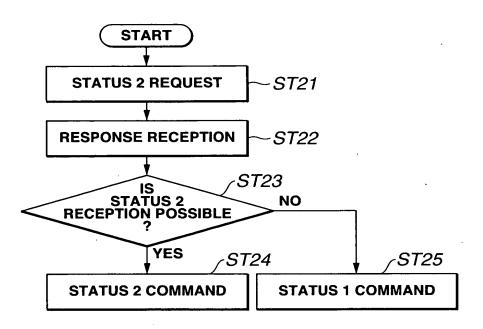
FIG.24



**FIG.25** 



**FIG.26** 



**FIG.27** 

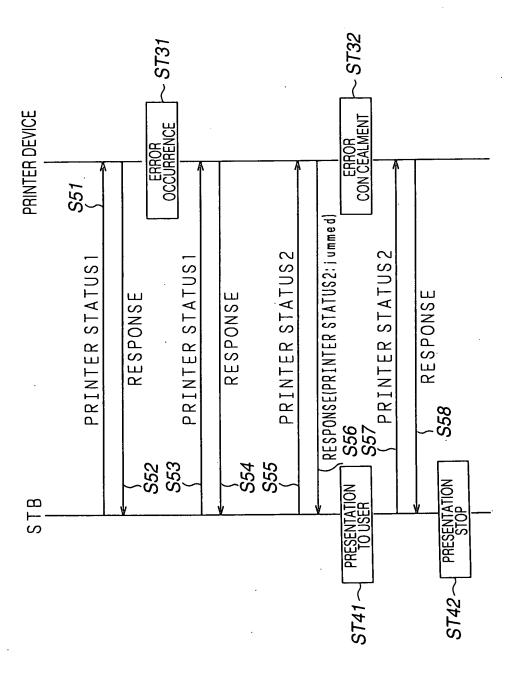


FIG.28